

DETAILED ACTION

1. In response to applicant's telephone inquiry of December 5, 2007 regarding the last Office action, the following corrective action is taken.
2. The reference 6,748,409 was not correctly cited in the last Office action. The correct citation is shown on the attached PTO-892.

Allowable Subject Matter

3. **Claims 12-29 are allowed.**

4. The following is an examiner's statement of reasons for allowance:

Claim 12 is not disclosed or made obvious by the prior art of record, specifically in combination with the limitation of "said housing, said photodiode, said first light emitting diode and said second light emitting diode are arranged and embodied so that none of the reference light beam emitted by said second light emitting diode will be incident on any lateral side surface of said photodiode".

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to SEUNG C. SOHN whose telephone number is (571)272-4123. The examiner can normally be reached on Mon-Thur, 6:30 AM -5 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, GEORGIA Y. EPPS can be reached on 571-272-2328. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/SCS/

/Georgia Y Epps/
Supervisory Patent Examiner, Art Unit 2878